

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6191736").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/01 12:25
L2	1	L1 and (control\$4 adj1 weight\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:26
L3	2	"20040106386".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:44
L4	1	L3 and (control\$4 adj1 weight\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:37
L5	0	((first adj2 weight\$4) same (second adj1 weight\$4)) and ((updat\$4 near4 weight\$4) same (correlat\$4 near4 (traininig or pilot)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:12
L6	1	((first adj2 weight\$4) same (second adj1 weight\$4)) and ((updat\$4 near4 weight\$4) same (correlat\$4 near4 (training or pilot)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:39
L7	1	((first adj2 weight\$4) same (second adj1 weight\$4)) and ((updat\$4 near4 weight\$4) same (correlat\$4 near4 (training or pilot or known)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:05
L8	25	((updat\$4 near4 weight\$4) same (correlat\$4 near4 (training or pilot or known)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:46
L9	22	Doi.in. and (switch\$4 near4 (coefficeintes or weights)) and synthesiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:40
L10	25	L8 not L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:40
L11	42	((updat\$4 near4 coefficients) same (correlat\$4 near4 (training or pilot or known)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:48

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L12	39	L11 not L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:48
L13	36	((first adj2 weight\$4) same (second adj1 weight\$4)) and ((first adj2 weight\$4) with (highest or largest))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:12
L14	36	L13 not L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:05
L15	35	((first adj2 coefficients) same (second adj1 coefficients)) and ((first adj2 coefficient) with (highest or largest))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:08
L16	14	((initial adj2 weight\$4) same (second adj1 weight\$4)) and ((initial adj2 weight\$4) with (highest or largest))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:12
L17	62	((initial adj2 weight\$4)) and ((initial adj2 weight\$4) with (highest or largest))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:13
L18	48	L17 not L16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:26
L19	212	(switch\$4 with (coefficients or taps or weights)) with (converg\$4 or convergence)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 13:27
L20	99	(switch\$4 near4 (coefficients or taps or weight\$4)) with (converg\$4 or convergence)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 14:21
L21	178	(switch\$4 near4 (coefficients or taps or weight\$4)) same (converg\$4 or convergence)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 14:21
L22	79	L21 not L20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 14:21
S1	1154	(375/346-350.ccls. or 375/316.ccls. or 375/229-236.ccls.) and ((switch\$4 or control\$4) near4 (coefficients or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:13

## EAST Search History

S2	260	(375/346-350.ccls. or 375/316.ccls. or 375/229-236.ccls.) and ((switch\$4) near4 (coefficients or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:13
S3	38	(375/346-350.ccls. or 375/316.ccls. or 375/229-236.ccls.) and (((switch\$4) near4 (coefficients or weights)) same (training))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:33
S4	49	("20020051430" "20020072343" "20040001554" "20040008614" "20040132430" "20040165675" "20040176137" "20040179495" "20040229650" "20050070333" "20050078649" "20050096001" "4202071" "5875216" "5887037" "6044120" "6085076" "6115406" "6147985" "6289062" "6560300" "6636728" "6657590" "6687492").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:21
S5	2	("6404387").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 14:21
S6	6	S4 and ((weights or coefficients) same training)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:23
S7	40	Doi.in. and (switch\$4 near4 (coefficients or weights))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:25
S8	22	Doi.in. and (switch\$4 near4 (coefficients or weights)) and synthesiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:25
S9	25	S3 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:37
S10	30	(weights or coefficients) near4 (training adj1 (signal or sequence or pattern)) same ((weights or coefficients) near4 (data)) and ((plurality or multiple) adj3 (bursts or signals))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:41
S11	16	S10 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:41

## EAST Search History

S12	0	(intial adj2 (weights or coefficients)) near4 (training adj1 (signal or sequence or pattern)) same ((weights or coefficients) near4 (data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:42
S13	0	(intial adj2 (weights or coefficients)) near4 (training adj1 (signal or sequence or pattern))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:42
S14	21	(initial adj2 (weights or coefficients)) near4 (training adj1 (signal or sequence or pattern)) same ((weights or coefficients) near4 (data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:42
S15	21	(initial adj2 (weights or coefficients)) near4 (training adj1 (signal or sequence or pattern)) same ((weights or coefficients) near4 (data or bursts))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:43
S16	3	S15 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:42
S17	28	(initial adj2 (weights or coefficients)) with (training adj1 (signal or sequence or pattern)) same ((weights or coefficients) near4 (data or bursts))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:44
S18	10	S17 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:43
S19	7	((control\$4 or switch\$4) near4 (weights or coefficients) with (training adj2 (siganl or sequence or pattern)) with (data or bursts))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:47
S20	183	(switch\$4 near4 ((intial or first) adj2 (coefficients or weights)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:48
S21	3	(switch\$4 near4 ((intial or first) adj2 (coefficients or weights))) same (training or known or preamble or pilot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:49
S22	117	(switch\$4 near4 ((intial or first) adj2 (coefficients or weights))) and (training or known or preamble or pilot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 14:50

## EAST Search History

S23	103	S22 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 16:21
S24	0	S23 not S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 16:22
S25	80	S20 not S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/28 16:38
S26	2	"20040106386".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/01 12:26
S27	2	("6191736").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 16:58
S28	2	S27 and synthesiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 17:26
S29	0	S27 and (computer or processor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 17:27
S30	1	S27 and (hardware)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 17:27
S31	0	S27 and (software)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/28 17:27